

MOD0 Series

Digital Optical DO Sensor



Your Benefits

- **Robust design;**
Highest level of durability, waterproof and dustproof sensor for site measurement.
- **Built for Remote Monitoring & Control System**
Capable of providing real-time measurement over a long distance with uncompromised precision.
- **Reliable measurement;**
Greater calibration intervals due to its low drift behaviour.
- **Easy calibration;**
Calibration can be done via any RS-485 master controller.

Specifications

Parameter	%sat.	mg/L
Measuring Range	0 – 200.0% sat.	0.00 – 20.00 mg/L
Measuring Resolution	0.1	0.01
Measuring Accuracy	±0.2	±0.2
Temperature Compensation	NTC	
Temperature Range	0 to 60°C	
Temperature Resolution	0.1°C	
Temperature Accuracy	±0.2°C	
Storage Temperature	-20°C to +70°C	
Pressure Range	500 – 2100 mBar	
Salinity Range	0 – 40.00 ppt	
Communication	Modbus RTU Protocol	
Baud Rate	9600	
Protection Class	IP68	
Power Supply	9 to 30 VDC, <7mA @ 24 VDC	
Weight	1 kg	
Material	POM & Stainless Steel 316L	
Cable Length	7 m; Other ranges are upon request	

Applications



Aquaculture



Wastewater
Treatment



Agriculture



River Monitoring